

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PERMLT.019C1	APPLICATION NO. 10/789,357
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT John Popovich, et al.	
		FILING DATE February 27, 2004	GROUP Unknown 2875

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JUN 01 2004  
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LJ	1	3,936,686	02/03/76	Moore	—	—	
LJ	2	4,143,411	03/06/79	Roberts	—	—	
LJ	3	4,591,954	05/27/86	Kawamura, et al.	—	—	
LJ	4	4,612,606	09/16/86	Roberts	—	—	
LJ	5	4,720,773	01/19/88	Ahroni	—	—	
LJ	6	4,761,720	08/02/88	Solow	—	—	
LJ	7	4,855,882	08/08/89	Boss	—	—	
LJ	8	4,908,743	03/13/90	Miller	—	—	
LJ	9	5,103,382	04/07/92	Kondo, et al.	—	—	
LJ	10	5,222,799	06/29/93	Sears, et al.	—	—	
LJ	11	5,499,170	03/12/96	Gagne	—	—	
LJ	12	5,607,227	03/04/97	Yasumoto, et al.	—	—	
LJ	13	5,660,461	08/26/97	Ignatius, et al.	—	—	
LJ	14	5,697,175	12/16/97	Schwartz	—	—	
LJ	15	5,746,497	05/05/98	Machida	—	—	
LJ	16	5,857,767	01/12/99	Hochstein	—	—	
LJ	17	6,042,248	03/28/00	Hannah, et al.	—	—	
LJ	18	6,045,240	04/04/00	Hochstein	—	—	
LJ	19	6,244,728 B1	06/12/01	Cole, et al.	—	—	
LJ	20	6,350,039 B1	02/26/02	Lee	—	—	
LJ	21	6,396,466	05/28/02	Pross, et al.	—	—	
LJ	22	6,428,189	08/06/02	Hochstein	—	—	
LJ	23	6,505,956	01/14/03	Priddy, et al.	—	—	
LJ	24	6,517,218	02/11/03	Hochstein	—	—	
LJ	25	6,566,824	05/20/03	Panagotacos, et al.	—	—	

EXAMINER <i>Laura/80</i>	DATE CONSIDERED <i>10/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 <i>O P E J C I N S</i> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>SEE SEVERAL SHEETS IF NECESSARY</i>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. PERMLT.019C1	APPLICATION NO. 10/789,357
		APPLICANT John Popovich, et al.	
		FILING DATE February 27, 2004	GROUP <i>Unknown 2875</i>

<i>U</i>	26	6,578,986	06/17/03	Swaris, et al.	—	—	
<i>U</i>	27	6,582,100	06/24/03	Hochstein, et al.	—	—	
<i>U</i>	28	6,582,103	06/24/03	Popovich, et al.	—	—	
<i>U</i>	29	2001/0015891	08/23/01	Suzuki, et al.	—	—	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)				
<i>U</i>	30	HEWLETT PACKARD, Super Flux LED's, Pages 1-25, 1-26, and ii.			
<i>U</i>	31	HEWLETT PACKARD, Angeline Wong, Subminiature InGaN Blue Lamps, Pages 1-2, August 4, 1998.			
<i>U</i>	32	HEWLETT PACKARD, Thermal Management Considerations for Super Flux LEDs, Application Note 1149-4, Pages 1-11.			
<i>U</i>	33	HEWLETT PACKARD, Subminiature High Performance AlInGaP LED Lamps, Technical Data, Pages 1-161 – 1-162.			

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EXAMINER <i>Laura Tso</i>	DATE CONSIDERED <i>10/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application No.	10/789,357
		Filing Date	February 27, 2004
		First Named Inventor	Popovich, et al.
		Art Unit	2875
O P E (Multiple sheets used when necessary)		Examiner	Unknown 780
SHEET 1 OF 1		Attorney Docket No.	PERMLT.019C1
JAN 11 2005			

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CITE  
MADE  
REF ID: A6518502

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
U1	1	5278432	01/11/94	Ignatius	
U1	2	5953469	09/14/99	Zhou	
U1	3	6244728 B1	06/12/01	Cote, et al.	
U1	4	6299337 B1	10/09/01	Bachl, et al.	
U1	5	6455930	09/24/02	Palanisamy, et al.	
U1	6	6481874	11/19/02	Petroski	
U1	7	6518502	02/11/03	Hammond, et al.	
U1	8	6554446	04/29/03	Walsh, et al.	
U1	9	6641283	11/04/03	Bohler	
U1	10	6660935	12/09/03	Southard, et al.	
U1	11	6712486 B1	03/30/04	Popovich, et al.	
U1	12	6713862	03/30/04	Palanisamy, et al	
U1	13	6739047	05/25/04	Hammond, et al.	
U1	14	2001/0032985 A1	10/25/01	Bhat, et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
U1	15	CN1245521 A	02/23/00	—	—	Abs tract
U1	16	CN2124214 U	12/09/92	—	—	Abs tract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
U1	17	Thermagon Catalog	

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Examiner Signature

Date Considered

03/05

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.